

What Is Claimed Is:

1. An image processing apparatus, comprising:
  - a reception section for receiving image data transmitted thereto from a transmission apparatus through a predetermined transmission line;
  - a storage section having a storage capacity for a plurality of screens or more for storing the image data received by said reception section; and
  - a control section for issuing a request for image data of screens within a predetermined range with reference to a noticed screen to said transmission apparatus and controlling a display apparatus to display the image data stored in said storage section.
2. An image processing apparatus according to claim 1, wherein said transmission line transmits the image data at a transfer rate higher than the lowest transfer rate necessary to play back the image data normally.
3. An image processing apparatus according to claim 1, wherein said control section requests said transmission apparatus for those of the image data of the screens within the predetermined range which are not stored in said storage section.
4. An image processing apparatus according to

claim 3, further comprising a management information storage section for storing, for each screen, management information of whether or not the image data of the screen are stored in said storage section, and wherein said control section recognizes, based on the management information, those of the image data of the screens within the predetermined range which are not stored in said storage section.

5. An image processing apparatus according to claim 1, wherein said control section requests said transmission apparatus for the image data of the screens within the predetermined range in accordance with a predetermined priority order.

6. An image processing apparatus according to claim 5, further comprising an inputting section for inputting an instruction of a playback method of the image data, and wherein said control section sets the predetermined range in accordance with the playback method of the image data.

7. An image processing apparatus according to claim 1, wherein said control section requests said transmission apparatus for image data of a predetermined plurality of screens within the predetermined range.

8. An image processing apparatus according to

claim 7, further comprising an inputting section for inputting an instruction of a playback method of the image data, and wherein said control section sets a predetermined plurality of screens within the predetermined range in accordance with the playback method of the image data.

9. An image processing apparatus according to claim 1, wherein said transmission line complies with the IEEE 1394 standard.

10. An image processing method, comprising:  
a reception step of receiving image data transmitted thereto from a transmission apparatus through a predetermined transmission line;

a request step of requesting said transmission apparatus for image data of screens within a predetermined range with reference to a noticed screen;

an image storage step of storing the image data of the screens within the predetermined range received by the reception step; and

a display control step of controlling a display apparatus to display the stored image data.

11. A recording medium on which a program to be executed by a computer is recorded, the program comprising:

a reception step of receiving image data transmitted thereto from a transmission apparatus through a predetermined transmission line;

a request step of requesting said transmission apparatus for image data of screens within a predetermined range with reference to a noticed screen;

an image storage step of storing the image data of the screens within the predetermined range received by the reception step; and

a display control step of controlling a display apparatus to display the image data stored in said storage section.

12. An image processing apparatus, comprising:

a transmission apparatus for playing back image data and transmitting the image data through a predetermined transmission line; and

a reception apparatus for receiving the image data transmitted thereto from said transmission apparatus through said transmission line;

said transmission apparatus including a playback section for playing back image data in response to a request from said reception apparatus and a transmission section for transmitting the played back image data to said reception apparatus through said predetermined

transmission line;

    said reception apparatus including a reception section for receiving the image data transmitted thereto from said transmission apparatus through said predetermined transmission line, a storage section having a storage capacity for a plurality of screens or more for storing the image data received by said reception section, and a display control section for issuing a request for image data of screens within a predetermined range with reference to a noticed screen to said transmission apparatus and controlling a display apparatus to display the image data stored in said storage section.